

Complies with FAA AC 150/5345-43F; ICAO Annex 14 (Low Intensity Obstacle Light)



The Solar Series L810 omni-directional, red, steady-burning obstruction light is designed for marking tall structures such as buildings, towers, masts, cranes, meteorological towers, chimney and other airspace obstructions. The energy efficient LED light is paired with a compact solar engine that is capable of powering the light in almost any environment. As a virtually maintenance free solution, the Solar Series L810 provides years of reliable service and is a direct replacement for incandescent fixtures.

The Solar Series L810 is available in single and double configurations and can be operated dusk to dawn or 24/7. Every system is custom designed for a specific location to ensure years of trouble-free, solar powered service.



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FEATURES & BENEFITS

Increase Safety

The ultra-efficient light source adds conspicuity to airspace obstacles, increasing flight safety.

NVG Friendly

The L810 light source is readily identified when using NVG equipment.

Decrease Costs

With zero electricity costs, simple installation and almost no maintenance, the Solar Series L810 quickly realizes long-term cost savings.

Experience = Reliability

With over 25 years experience in designing solar power systems, our solar experts will ensure a system that operates reliably, regardless of the installation location.

SPECIFICATIONS

Optical

Configuration	Solar Powered L810
Output	Visible and NVG-compatible
Visible Light	Red
Intensity	32.5cd

Mechanical

Mounting Options

Luminaire	Mounts to ¾" or 1" conduit
Solar Power System	Side of pole mount for 2" to 4" pole sizes
Luminaire Housing Color	Red
Weight	Varies upon system design
Enclosure and mount	Fiberglass and Aluminum

Electrical

Operating Voltage	12-48VDC
Control Options	Self contained photocell FAA-approved external photocell Continuous Operation
Single L810 Consumption	3.4 Watts
Certification	UL listed components, FM Class I Div II

Environmental

Operating Temperature	-55C to +55C
Weather Protection	Enclosure is NEMA 4, IP65

Warranty and Life Expectancy

Warranty	1 year
LED Life Expectancy	100,000 hours

